

### Abstract of the Disclosure

The frequency of appearance of a keyword is calculated using a first database in which information about a base sequence and an amino acid sequence are stored, and a second database in which text data is stored. A keyword frequency calculation method includes a first text data extraction step for extracting first text data from said first database based on a base sequence or an amino acid sequence inputted by a user; an identifier extraction step for extracting an identifier identifying text data in said first text data from said first text data; a second text data extraction step for extracting second text data from said second database based on said identifier; and an appearance frequency calculation step for sequentially reading keywords from a keyword table containing keywords related to said first database, and for calculating the frequency of appearance of each of said keywords in said second text data.